EN60950 Basic Insulation compliant 250Vrms
SMD compact foot print design
Industrial operating temp: -40°C to +85°C

### Electrical Specifications @25°C

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Turns Ratio (10KHz,0.1V)</th>
<th>OCL (10KHz,0.1V)</th>
<th>LL (100KHz,0.1V)</th>
<th>Cww (100KHz,0.1V)</th>
<th>DCR</th>
<th>THD</th>
<th>IL</th>
<th>Hi-Pot VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEP004SI</td>
<td>1-4:8-6 (short 2-3,5-7)</td>
<td>1-4 (short 2-3)</td>
<td>1-8 (short 2-3, 5-6-7-8)</td>
<td>1-4 (short 2-3)</td>
<td>8-6 (short 5-7)</td>
<td>1-4</td>
<td>25KHz,5Vrms</td>
<td>100KHz,0.1V</td>
</tr>
<tr>
<td></td>
<td>0.408:1 ± 2%</td>
<td>1.1mH ± 7%</td>
<td>10.5µH max</td>
<td>50pF max</td>
<td>3.7Ω max</td>
<td>9.0Ω max</td>
<td>-78dB max</td>
<td>0.5dB max</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

### MECHANICAL

SUGGESTED PAD LAYOUT

Units: mm

Unless otherwise specified all tolerances are: ± 0.25 in mm

### SCHEMATICS

![Schematic Diagram]